

CORE LOG

CORE ID

M99.07 51 PC

SECTION

I (352 - 502 cm)

Lat.

Long.

Water Depth

Mike 2/9/01

REMARKS

Date Open & Desc.

352-502 cm

Interval Depth

Color	contact	biogenous mat	grain size		structure	sharp grad.	mottled	foram	calc. Nanno	pter.	rad.	diatom	spicules	plant frag.	mol. Shell	gravel	sand	silt	clay	lamin	grad. bed	X bed	mottles	homogen	
			grad.	bed																					
sec II																									
Sec I																									
360	SY4/2		X	X																					
370	SY3/1		X	X																					
380	SY4/2		X	X																					
390	SY3/1		X	X																					
400	SY4/2			X																					
410	SY3/1			X																					
420	SY3/2				X	X																			
430	SY3/1				X																				
440	SY3/2				X																				
450	SY3/1				X																				
460	SY3/2				X																				
470	SY3/1				X																				
480	SY3/2				X																				
490					X																				
sec I 500	???					12																			
	E.O.C.																								

Fossils: X-Present C-Common B-Barren
A-Abundant R-Rare

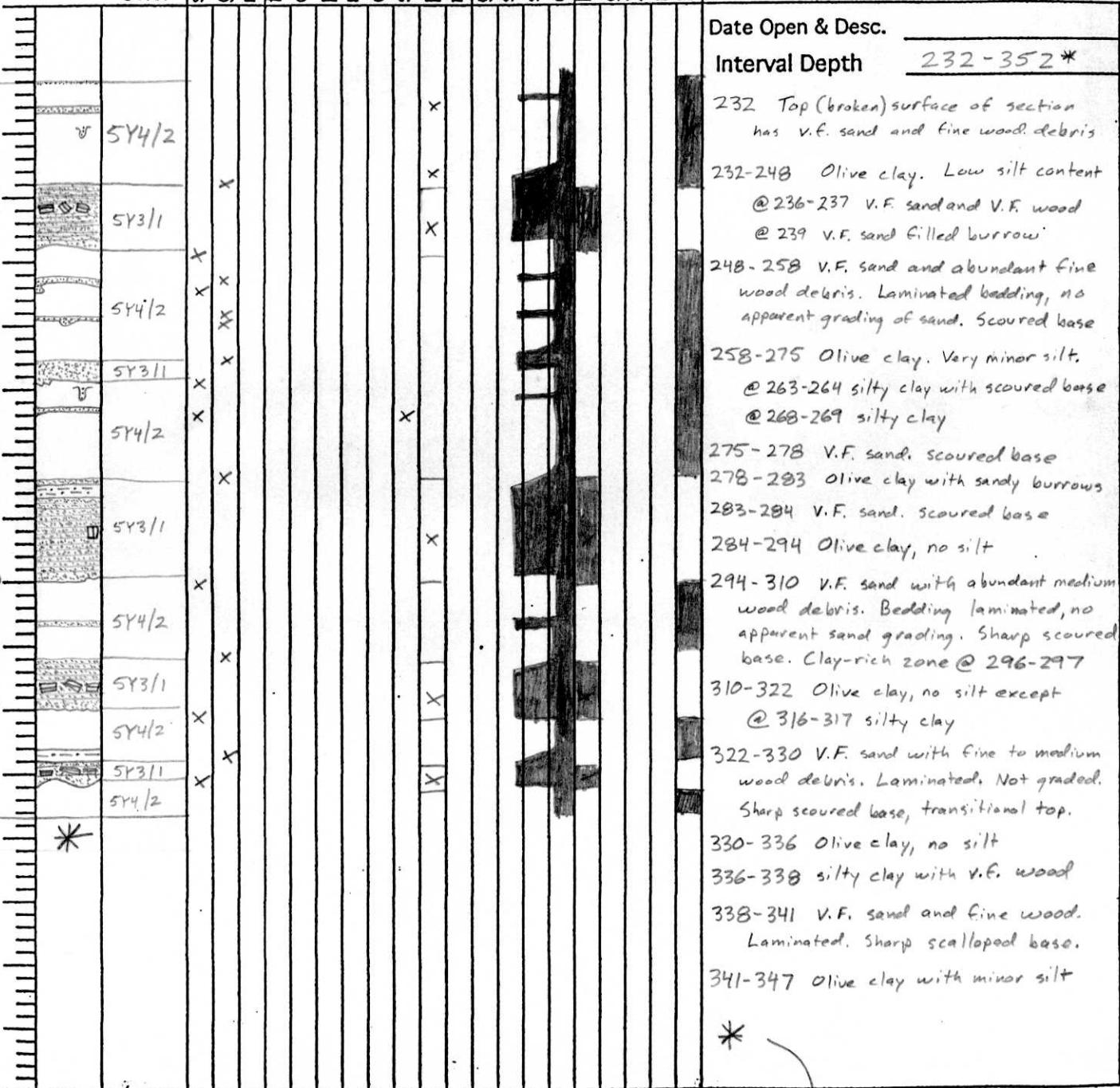
graded bed
(turbidite)

ss-smear slide

CORE LOG

CORE ID M99.07 51 PC
 SECTION II (232-352*)
 Lat. _____
 Long. _____
 Water Depth _____

	contact	biogenous mat	grain size	structure	
Color	sharp grad. mottled	foram calc. Nanno pter. rad.	diatom spicules plant frag. mol. Shell	gravel sand silt clay	lamin grad. bed X bed mottles homogen



Fossils: X-Present C-Common B-Barren
 A-Abundant R-Rare

graded bed
(turbidite)

ss-smear slide

* the bottom end of sec II has been mislabelled as 352 cm. It is actually 347 cm.

Mike 2/8/01

REMARKS

Date Open & Desc. _____

Interval Depth 232-352*

232 Top (broken) surface of section has v.f. sand and fine wood debris

232-248 Olive clay. Low silt content
 @ 236-237 V.F. sand and V.F. wood
 @ 239 V.F. sand filled burrow

248-258 V.F. sand and abundant fine wood debris. Laminated bedding, no apparent grading of sand. Scoured base

258-275 Olive clay. Very minor silt.
 @ 263-264 silty clay with scoured base
 @ 268-269 silty clay

275-278 V.F. sand. Scoured base

278-283 Olive clay with sandy burrows

283-284 V.F. sand. Scoured base

284-294 Olive clay, no silt

294-310 V.F. sand with abundant medium wood debris. Bedding laminated, no apparent sand grading. Sharp scoured base. Clay-rich zone @ 296-297

310-322 Olive clay, no silt except
 @ 316-317 silty clay

322-330 V.F. sand with fine to medium wood debris. Laminated. Not graded. Sharp scoured base, transitional top.

330-336 Olive clay, no silt

336-338 silty clay with v.f. wood

338-341 V.F. sand and fine wood. Laminated. Sharp scalloped base.

341-347 Olive clay with minor silt

*

ss-smear slide

CORE LOG

CORE ID

M99.07 51 PC

SECTION

III (82-232 cm)

Lat. _____

Long. _____

Water Depth _____

Mike 2/7/01

REMARKS

Date Open & Desc.

Interval Depth

82-232

82-85 Olive clay. Increasing v.f. sand down section

85-94 V.F. sand with clay and woody debris. Wood rich zone @ 90-91. Sharp basal contact.

94-102 Olive clay. Nearly sand-free

102-106 Olive clay with v.f. sand

106-112 V.F. sand and small wood debris

112-133 Olive clay. Nearly sand-free. Core drag of woody debris down left side.

133-136 sandy clay

136-152 V.F. sand and medium wood debris with clay. Zone of large wood fragments @ 149-152. Sharp scoured base.

152-159 silty clay. and V.F. sand laminae

159-163 V.F. sand. Scoured base

163-180 Olive clay. Generally low sand content except for v.f.s. filled burrows @ 165-166 and gradationally increasing silt content @ 178-180

180-181 V.F. sand with sharp base

181-202 Olive clay. V.F. sand lam @ 197 and gradational silt increase thru 200-202

202-212 V.F. sand at top grades to F. sand at bottom. Zone of wood debris @ 208-209. Sharp base

212-215 silty clay

215-220 Olive clay, almost no silt

220-225 V.F. sand, woody @ 220-222 Sharp base

225-232 Olive clay, no sand/silt

	Color	sharp grad.	mottled	foram	calc. Nanno	pter.	rad.	diatom	spicules	plant frag.	mol. Shell	gravel	sand	silt	clay	lamin	grad. bed	X bed	mottles	homogen	structure
Sec IV																					
Sec III																					
90	5Y4/2																				
90	5Y3/1	x								x											
100	5Y4/2																				
100	5Y3/1		x							x											
110	5Y4/2			x																	
120	5Y4/2								x												
130			x																		
140	5Y3/1	x	x																		
150	5Y3/1	x								x											
160	5Y4/2		x																		
170	5Y4/2																				
180	5Y3/1	x	x							x											
190	5Y4/2																				
200			x																		
210	5Y3/1	x	x							x											
220	5Y4/2		x							x											
220	5Y3/1	x								x											
sec III 230	5Y4/2																				
sec II																					

Fossils: X-Present C-Common B-Barren
A-Abundant R-Rare

graded bed
(turbidite)

ss-smear slide

CORE LOG

CORE ID

M99-07 51 pc

SECTION

IV (0-82 cm)

Lat.

Long.

Water Depth

Mike 2/7/01

REMARKS

Date Open & Desc.

Interval Depth

0-82 cm

O-14 dark olive clay:

- Sandy burrows from 0-10 cm
- Increasing content of very fine sand as depth increases.

14-46 dark gray sand, with clay

@14 transitional contact

@19-20 layer of small wood fragments

@28-29 layer of medium wood fragments

@ 32-38 mostly large wood fragments

Generally, clay content increases upsection, wood content increases downsection, and sand content increases downsection.

@ H6 share scalloped contour

46-55 dark olive clay with visible
v.f. sand throughout

55-60 v.t. sand with olive clay and
sparse small wood fragments. Fairly
sharp lower contact; gradational upper

60-71 dark olive clay with visible
v. f. sand throughout.

@66-67 extra sandy burrowed zone

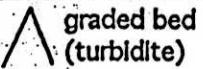
71-73 v.f. sand with clay. Mottle
lower contact; gradational upper

73-82 olive clay. Very low sand/silt content.

@ 74 small shell fragments

	contact	biogenous mat	grain size	structure	Water Depth			
Color	sharp grad. mottled	foram calc. Nanno pter.	rad. diatom spicules plant frag.	mol. Shell	gravel sand silt clay	lamin grad. bed X bed	mottles homogen	REMARKS
A A γ γ clay = 5Y4/2 throughout	x							Date Open & Desc.
sandy zones = 5Y3/1			x					Interval Depth 0-82 cm
5Y4/2	x		x					0-14 dark olive clay: - Sandy burrows from 0-10 cm - Increasing content of very fine sand as depth increases.
5Y3/1	x	x	x					@14 transitional contact
5Y4/2	x	x	x					@19-20 layer of small wood fragments
5Y4/2	x	x	x					@28-29 layer of medium wood fragments
5Y4/2	x	x	x	x				@32-38 mostly large wood fragments
								Generally, clay content increases upsection, wood content increases downsection, and sand content and grain size increase down section
								@46 sharp, scalloped contact
								46-55 dark olive clay with visible v.f. sand throughout
								55-60 v.f. sand with olive clay and sparse small wood fragments. Fairly sharp lower contact; gradational upper
								60-71 dark olive clay with visible v.f. sand throughout.
								@66-67 extra sandy burrowed zone
								71-73 v.f. sand with clay. Mottled lower contact; gradational upper
								73-82 olive clay. Very low sand/silt content.
								@74 small shell fragments

Fossils: X-Present C-Common B-Barren
A-Abundant R-Rare



ss-smear slide